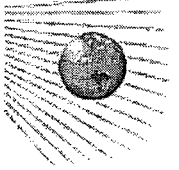


ORIGINAL



07/08/2004 08:05 AM

To Peggy Smith <psmith@mde.state.md.us>
cc [REDACTED]
<klemaster@mde.state.md.us>, Lorie
bcc
Subject Re: SAS for Rt 7 Dump/New Jersey Fireworks

Peggy,

The request was fine. It will be processed.

Peggy Smith <psmith@mde.state.md.us>



Peggy Smith
<psmith@mde.state.md.us>

07/07/2004 04:02 PM

To: Lorie Baker/R3/USEPA/US@EPA, [REDACTED]
cc: [REDACTED] Kim LeMaster
<klemaster@mde.state.md.us>, Alex Cox <mcox@mde.state.md.us>,
Phillip Anderson <panderson@mde.state.md.us>, Patti Davis
<pdavis@mde.state.md.us>
Subject: SAS for Rt 7 Dump/New Jersey Fireworks

I am resubmitting the SAS request for this site with the corrected dates. The correct sampling dates for this site are August 3-5, 2004.

Peggy Smith, Geologist
Maryland Dept. of the Environment
Waste Management Administration
Environmental Restoration and Redevelopment Program
CHS Enforcement/Fund Lead Site Assessment Division
Phone 410-537-3493
Fax 410-537-3472



rt7-njf SAS_070704.doc

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U.S EPA Region III Analytical Request Form

| | | | | | |
|----------------------------------|----------------|---------------------------------|--|---------------------------|--|
| RAS CASE #: | | DAS #: R31935 | | NSF #: | |
| Date: July 7, 2004 | | QAPP/SAP: | | Data Validation Level: M3 | |
| Site: RT 7 DUMP/NJ FIREWORKS | | | | | |
| Address: OLD PHILADELPHIA ROAD | | City: ELKTON | | State: MD | |
| Latitude: 39 DEG 36' 15" | | Longitude: 75 DEG 52' 50" | | | |
| Program: CERCLA | | CERCLIS#: MDSFN0305563 | | Activity: ESI | |
| Account #: 04T03W302DD2CE319LA00 | | Operable Unit: 00 | | Spill ID: E319 | |
| Preparer: PEGGY SMITH | | Phone: 410-537-3192 | | Fax: 410-537-3472 | |
| OSC/RPM: LORIE BAKER | | Phone: 215-814-3355 | | Fax: | |
| Site Leader: PHILL ANDERSON | | Phone: 410-537-3448 | | Fax: 410-537-3472 | |
| EPA CO: MDE | | Contract Type: | | Prime: | |
| Analytical TAT: 30 | | Sub: | | | |
| Ship Date From: August 3, 2004 | | Analytical + Validation TAT: 42 | | | |
| Ship Date To: August 5, 2004 | | | | | |
| Samples | Method | Parameter | | Matrix | |
| 27 | EPA METHOD 314 | PERCHLORATE | | SOLID | |
| 19 | EPA METHOD 314 | PERCHLORATE | | AQUEOUS | |
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Instruction: ELECTRONIC DATA DELIVERABLES REQUIRED. PLEASE CALL PHILL ANDERSON FOR ADDITIONAL INFORMATION.

EPA 314 is a method for perchlorates in aqueous samples. The DI water extraction used for perchlorates in soil is as follows:

The soil samples are prepared for inorganic analysis by weighing approximately four grams of the wet soil sample. 20 mL of Milli-Q water is added to the samples and the slurry is vortexed for one minute. The prepared samples are centrifuged for 10 minutes at 2000 rpm. The liquid phase is filtered through a 0.45µm syringe filter prior to inorganic analyses using EPA Method 314.0 (Determination of Perchlorate in Drinking Water Using Ion Chromatography) on the Dionex DX-600. A laboratory reagent blank (LRB), laboratory fortified blank (LFB), laboratory fortified blank at the maximum conductivity threshold (LFB at MCT) are prepared and taken through the process. In addition a matrix duplicate (LD2) and a matrix spike (LSF) are also prepared for each set of 10 samples and taken through the process.

DL limit desired: 1 ppm for solids, 1 ppb for aqueous.